

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Original) A system for adjusting display data orientation, said system including graphics circuitry configured to send and receive control signals over a set of control lines, said exchange governed by a communication protocol;

the graphics circuitry configured to request orientation information via the set of control lines upon detecting a modulation of the set of control lines that is undefined by said communication protocol ; and

the graphics circuitry configured to adjust an orientation of display data by reference to the orientation information upon receiving said orientation information via the set of control lines.

Claim 2. (Original) The system of claim 1, wherein the set of control lines comprises a data line and a clock line.

Claim 3. (Original) The system of claim 2, wherein the modulation comprises a modulation of the data line.

Claim 4. (Original) The system of claim 2, wherein the modulation comprises a modulation of the clock line.

Claim 5. (Original) The system of claim 2, wherein the modulation comprises an adjustment of a state of the data line while the clock line is maintained in a logic HIGH state.

Claim 6. (Original) The system of claim 1, wherein the graphics circuitry comprises a graphics card.

Claim 7. (Original) The system of claim 1, wherein the graphics circuitry is housed in a computing device, said computing device generating the display data, said display data transmitted over a data line separate from the set of control lines.

Claim 8. (Original) The system of claim 7, wherein the set of control lines connect the graphics circuitry to a display device; the data line also connects the graphics circuitry so that said display device displays said display data.

Claim 9. (Original) The system of claim 8, wherein the display device comprises a cathode ray tube display.

Claim 10. (Original) The system of claim 8, wherein the display device comprises flat panel display.

Claim 11. (Original) The system of claim 1, wherein the communication protocol comprises the digital display channel standard promulgated by the video electronics standards association.

Claim 12. (Original) A system for processing orientation changes, said system including
a display device configured to communicate over a set of control lines in accordance with a communication protocol;
the display device configured to detect a change in an orientation of said display device; and
the display device configured to initiate a modulation of the set of control lines that is undefined by said communication protocol upon detecting the change in the orientation of said display device.

Claim 13. (Original) The system of claim 12, wherein the set of control lines comprises a data line and a clock line.

Claim 14. (Original) The system of claim 13, wherein the modulation comprises a modulation of the data line.

Claim 15. (Original) The system of claim 13, wherein the modulation comprises a modulation of the clock line.

Claim 16. (Original) The system of claim 13, wherein the modulation comprises an adjustment of a state of the data line while the clock line is maintained in a logic HIGH state.

Claim 17. (Original) The system of claim 12, wherein the display device comprises a cathode ray tube display.

Claim 18. (Original) The system of claim 12, wherein the display device comprises flat panel display.

Claim 19. (Original) The system of claim 12, wherein
the display device is connected via the set of control lines to graphics circuitry;
and
the graphics circuitry is configured to request orientation information from the display device via the set of control lines upon detecting the modulation of the set of control lines.

Claim 20. (Original) The system of claim 19, wherein
the graphics circuitry is housed in a computing device, said computing device generating display data, said display data transmitted by said graphics circuitry over a data line separate from the set of control lines.

Claim 21. (Original) The system of claim 20, wherein
the data line connects the graphics circuitry to the display device, said display device displays said display data.

Claim 22. (Original) The system of claim 20, wherein
the graphics circuitry is configured to adjust an orientation of the display data by
reference to the orientation information following receipt of said orientation information via the
set of control lines.

Claim 23. (Original) The system of claim 12, wherein the
communication protocol comprises the digital display channel standard promulgated by the
video electronics standards association.

Claim 24. (Original) A system for processing display device orientation
changes, said system includes

a display device and graphics circuitry, said display device and said graphics
circuitry configured to exchange control signals over a set of control lines, said exchange
governed by a communication protocol;

the display device configured to detect a change in an orientation of said display
device;

the display device configured to initiate a modulation of the set of control lines
that is not defined by the communication protocol upon detecting said change in the orientation
of said display device;

the graphics circuitry configured to request orientation information from the
display device upon detecting the modulation of the set of control lines; and

the graphics circuitry configured to adjust an orientation of display data
transmitted to the display device by reference to the orientation information upon receiving said
orientation information via the set of control lines.

Claim 25. (Original) The system of claim 24, wherein the set of control
lines comprises a data line and a clock line.

Claim 26. (Original) The system of claim 25, wherein the modulation
comprises a modulation of the data line.

Claim 27. (Original) The system of claim 25, wherein the modulation comprises a modulation of the clock line.

Claim 28. (Original) The system of claim 25, wherein the modulation comprises an adjustment of a state of the data line while the clock line is maintained in a logic HIGH state.

Claim 29. (Original) The system of claim 24, wherein the graphics circuitry comprises a graphics card.

Claim 30. (Original) The system of claim 24, wherein the graphics circuitry is housed in a computing device, said computing device generating the display data, said display data transmitted over a data line separate from the set of control lines.

Claim 31. (Original) The system of claim 30, wherein the data line connects the graphics circuitry to said display device.

Claim 32. (Original) The system of claim 24, wherein the display device comprises a cathode ray tube display.

Claim 33. (Original) The system of claim 24, wherein the display device comprises flat panel display.

Claim 34. (Original) The system of claim 24, wherein the communication protocol comprises the digital display channel standard promulgated by the video electronics standards association.

Claim 35. (Original) A system for adjusting data orientation, said system including

graphics circuitry configured to send and receive control signals over a set of control lines, said exchange governed by a master/slave communication protocol under which said graphics circuitry is a lone master of said set of control lines;

the graphics circuitry configured to request orientation information via the set of control lines upon detecting a modulation of the set of control lines that is undefined by said master/slave communication protocol and not initiated by said graphics circuitry; and

the graphics circuitry configured to adjust an orientation of display data by reference to the orientation information upon receiving of said orientation information via the set of control lines.

Claim 36. (Original) A system for processing orientation changes, said system including

a display device configured to receive control signals over a set of control lines in accordance with a master/slave communication protocol under which said display device is a slave;

the display device configured to detect a change in an orientation of said display device; and

the display device configured to initiate a modulation of the set of control lines in violation of master/slave communication protocol upon detecting the change in the orientation of said display device.

Claim 37. (Original) A system for processing display device orientation changes, said system includes

a display device and graphics circuitry, said display device and said graphics circuitry configured to exchange control signals over a set of control lines, said exchange governed by a master/slave communication protocol under which said graphics circuitry is a lone master of said set of control lines and said display device is a slave of said set of control lines;

the display device configured to detect a change in an orientation of said display device;

the display device configured to initiate a modulation of the set of control lines in violation of said master/slave communication protocol upon detecting said change in the orientation of said display device;

the graphics circuitry configured to request orientation information from the display device upon detecting the modulation of the set of control lines; and
the graphics circuitry configured to adjust an orientation of display data transmitted to the display device by reference to the orientation information following receipt of said orientation information via the set of control lines.

Claim 38. (Original) A system for adjusting display data orientation, said system including

graphics circuitry configured to send and receive control signals over a set of control lines, said exchange governed by a communication protocol;

the graphics circuitry configured to request orientation information via the set of control lines upon detecting a modulation of the set of control lines that is defined as an illegal operation by said communication protocol; and

the graphics circuitry configured to adjust an orientation of display data by reference to the orientation information upon receiving said orientation information via the set of control lines.

Claim 39. (Original) A system for processing orientation changes, said system including

a display device configured to communicate over a set of control lines in accordance with a communication protocol;

the display device configured to detect a change in an orientation of said display device; and

the display device configured to initiate a modulation of the set of control lines that is defined as an illegal operation by said communication protocol upon detecting the change in the orientation of said display device.

Claim 40. (Original) A system for processing display device orientation changes, said system includes

a display device and graphics circuitry, said display device and said graphics circuitry configured to exchange control signals over a set of control lines, said exchange governed by a communication protocol;

the display device configured to detect a change in an orientation of said display device;

the display device configured to initiate a modulation of the set of control lines that is defined as an illegal operation by the communication protocol upon detecting said change in the orientation of said display device;

the graphics circuitry configured to request orientation information from the display device upon detecting the modulation of the set of control lines; and

the graphics circuitry configured to adjust an orientation of display data transmitted to the display device by reference to the orientation information upon receiving said orientation information via the set of control lines.

Claims 41-68. (Cancelled)

Claim 69. (New) The system of claim 3, wherein the modulation comprises modulating a data pulse having a first polarity with a narrower pulse having a second polarity.

Claim 70. (New) The system of claim 69 wherein a logic HIGH data pulse is modulated with a narrower logic LOW data pulse.

Claim 71. (New) The system of claim 14, wherein the modulation comprises modulating a data pulse having a first polarity with a narrower pulse having a second polarity.

Claim 72. (New) The system of claim 26, wherein the modulation comprises modulating a data pulse having a first polarity with a narrower pulse having a second polarity.